

869,660

WEST Search History

DATE: Friday, November 15, 2002

Set Name Query

side by side

Hit Count Set Name

result set

DB=JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

L10	(((polyphenylene adj (oxide or ether)) or polyphenyleneether or polyphenyleneoxide or (poly adj ((phenylene adj (ether or oxide)) or phenyleneether or phenyleneoxide))) or ((poly adj3 dimethyl adj3 ((phenylene adj (ether or oxide)) jor phenyleneether or phenyleneoxide)) or PPE or PPO)) and (Fries or rearrangement)	3	L10
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DB=USPT,PGPB; PLUR=YES; OP=ADJ

L9	18 near7 (Fries or rearrangement)	8	L9
L8	(((polyphenylene adj (oxide or ether)) or polyphenyleneether or polyphenyleneoxide or (poly adj ((phenylene adj (ether or oxide)) or phenyleneether or phenyleneoxide))) or ((poly adj3 dimethyl adj3 ((phenylene adj (ether or oxide)) jor phenyleneether or phenyleneoxide)) or PPE or PPO)	13866	L8

DB=DWPI; PLUR=YES; OP=ADJ

L7	(poly adj3 dimethyl adj3 ((phenylene adj (ether or oxide)) jor phenyleneether or phenyleneoxide)) or PPE or PPO	1138	L7
L6	(polyphenylene adj (oxide or ether)) or polyphenyleneether or polyphenyleneoxide or (poly adj ((phenylene adj (ether or oxide)) or phenyleneether or phenyleneoxide))	6924	L6
L5	1991jp-03052486.ap,prai.	0	L5
L4	1988jp-63054425.ap,prai.	0	L4
L3	1998jp-10297774.ap,prai.	0	L3
L2	jp-10297874-\$.did.	1	L2
L1	jp-03052486-\$.did.	1	L1

jp-63054425-\$.did. searched (spec. p.2, last line)

END OF SEARCH HISTORY

869,660

(FILE 'HOME' ENTERED AT 11:47:23 ON 15 NOV 2002)

FILE 'REGISTRY' ENTERED AT 11:49:27 ON 15 NOV 2002

L1 9 S POLY(3W)DIMETHYL(3W)PHENYLENE(W)ETHER

FILE 'CAPLUS' ENTERED AT 11:51:51 ON 15 NOV 2002

L2 3523 S POLY(W)((PHENYLENE(W)(ETHER# OR OXIDE#)) OR PHENYLENEETHER#

O

L3 3865 S (POLYPHENYLENE(W)(ETHER# OR OXIDE#)) OR POLYPHENYLENEETHER#

O

L4 12359 S L2 OR L3 OR PPO OR PPE OR 24938-67-8#/RN

L5 55 S L4 AND (REARRANGEMENT# OR FRIES)

FILE 'STNGUIDE' ENTERED AT 11:54:18 ON 15 NOV 2002

FILE 'CAPLUS' ENTERED AT 11:54:37 ON 15 NOV 2002

FILE 'STNGUIDE' ENTERED AT 11:55:07 ON 15 NOV 2002

FILE 'CAPLUS' ENTERED AT 12:06:34 ON 15 NOV 2002

L6 12067 S POLYOXYPHENYLENE#

L7 16873 S L4 OR L6

L8 51166 S (108-31-6# OR 110-16-7# OR 110-17-8# OR 636-61-3# OR

617-48-1

L9 983 S L7 AND L8

L10 497 S L7(7A)L8

L11 379 S L7(5A)(REACT#### OR MODIF!?) AND L8(5A)(REACT#### OR

MODIF!?)

RN 24938-67-8 REGISTRY
 CN Poly[oxy(2,6-dimethyl-1,4-phenylene)] (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 2,6-Dimethyl-1,4-phenylene ether polymer, SRU
 CN 2,6-Dimethyl-1,4-phenylene oxide homopolymer, sru
 CN 2,6-Dimethyl-1,4-phenylene oxide polymer, SRU
 CN 2,6-Dimethyl-p-phenylene ether polymer
 CN 2,6-Dimethyl-p-phenylene oxide polymer
 CN 2,6-Dimethylphenol polymer SRU
 CN 2,6-Xylenol homopolymer, SRU
 CN 2,6-Xylenol polymer, SRU
 CN 3,5-Xylenol polymer, SRU
 CN 4-Bromo-2,6-dimethylphenol homopolymer, SRU
 CN Arylox 100
 CN Baipen 100
 CN BHPP 820
 CN Blendex 820
 CN Blendex BHPP 820
 CN Blendex HPP 820
 CN Blendex HPP 821
 CN Blendex HPP 823
 CN CPX 100L
 CN GE 800
 CN GE 803
 CN GE 820
 CN H 30
 CN H 41
 CN H 41 (polyether)
 CN H 46
 CN H 51
 CN HPP 820
 CN HPX 100L
 CN Iupiac CPX 100L
 CN Iupiac HPX 100L
 CN Iupiac YPX 100L
 CN N 640
 CN N 640 (polyether)
 CN Nerafen
 CN Noryl 534
 CN Noryl 630
 CN Noryl 640
 CN Noryl 69
 CN Noryl 696
 CN Noryl 800
 CN Noryl PKN 4752
 CN Noryl PPO 534
 CN Noryl PX 9701
 CN P 101L
 CN P 401
 CN P 401 (polyether)
 CN PKN 4752
 CN PM 2
 CN PM 2 (polyether)
 CN Poly(2,6-dimethyl-1,4-phenylene ether)
 CN Poly(2,6-dimethyl-1,4-phenylene ether), SRU
 CN Poly(2,6-dimethyl-p-phenylene ether)
 ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
 DISPLAY

DR 127005-27-0, 58967-97-8, 131009-87-5, 135152-95-3, 135621-69-1,
 113284-96-1, 114100-49-1, 135843-73-1, 137012-23-8, 70800-17-8,
 147602-06-0, 152443-85-1, 110341-42-9, 160477-60-1, 179157-85-8,
 186777-52-6, 219600-78-9

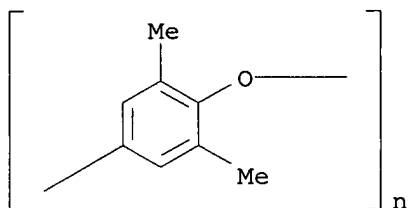
MF (C8 H8 O)n

CI PMS, COM

PCT Polyether

LC STN Files: AGRICOLA, ANABSTR, BIOBUSINESS, CA, CANCERLIT, CAPLUS,
 CASREACT, CEN, CHEMCATS, CIN, IFICDB, IFIPAT, IFIUDB, MEDLINE, PIRA,
 PROMT, RTECS*, TOXCENTER, USPAT2, USPATFULL, VTB
 (*File contains numerically searchable property data)

RELATED POLYMERS AVAILABLE WITH POLYLINK



6080 REFERENCES IN FILE CA (1962 TO DATE)
 937 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 6078 REFERENCES IN FILE CAPLUS (1962 TO DATE)

WEST**End of Result Set**

Generate Collection

Print

1999-290802
1998-297874

L1: Entry 1 of 1

File: DWPI

Jun 10, 2002

DERWENT-ACC-NO: 2000-596228
DERWENT-WEEK: 200241
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non-claimed
priority

TITLE: Functionalized polyphenylene ether production by reaction of polyphenylene ether and functionalising compound including carbon double or triple bond at e.g. room temperature

PATENT-ASSIGNEE:

ASSIGNEE

ASAHI KASEI KOGYO KK

CODE

ASAHI

PRIORITY-DATA: 1998JP-0297874 (October 20, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 3289715 B2	June 10, 2002		009	C08G065/48
JP 2000191769 A	<u>July 11, 2000</u>		010	C08G065/48

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 3289715B2	October 13, 1999	<u>1999JP-0290802</u>	
JP 3289715B2		JP2000191769	Previous Publ.
JP2000191769A	October 13, 1999	1999JP-0290802	

INT-CL (IPC): C08 G 65/48

ABSTRACTED-PUB-NO: JP2000191769A

BASIC-ABSTRACT:

NOVELTY - Functionalized polyphenylene ether production by reaction of polyphenylene ether and functionalising compound including carbon double or triple bond at e.g. room temperature

DETAILED DESCRIPTION - Production of functionalized polyphenylene ether comprises reacting 100 pts.wt. of polyphenylene ether and 0.01-10.0 pts.wt. of a functionalizing compound having at least one carbon-carbon double bond or triple bond, and at least one carboxyl group, acyloxy group, imino group, imide group, hydroxyl group or glycidyl group at a temperature between a room temperature and the melting temperature of the polyphenylene ether.

The polyphenylene ether has a structural unit of formula (1).

R1,R4 = hydrogen, halogen, primary or secondary lower alkyl, phenyl, haloalkyl, aminoalkyl, hydrocarbonoxy, or halohydrocarbonoxy (provided that at least two carbon atoms are between the halogen atom and the oxygen atom); and

R2,R3 = hydrogen, halogen, primary or secondary lower alkyl, phenyl, haloalkyl, hydrocarbonoxy, or halohydrocarbonoxy